



# SOLVAY CHEMICALS

INTEROX, FLUORIDES & MINERALS

January 20, 2006

Dan Olson  
WDEQ-Air Quality Division  
122 W. 25<sup>th</sup> Street  
Cheyenne, WY 82002

RE: AQD #17 Emissions Testing per 30-126 Condition (F10)

Dear Dan:

Conditions (F10) of Permit 30-126 requires annual NO<sub>x</sub> emission testing of AQD #17, the common stack of Calciners "A" and "B". Enclosed you will find Test Report M05-099B; testing was conducted by Evergreen Air Services.

The NO<sub>x</sub> testing was conducted utilizing EPA Reference Method 7 as specified in Condition (F10)(a), with results of 8.31 pph. The limit is 30.0 pph NO<sub>x</sub>. Only the "A" Calciner was operating, due to the "B" Calciner being shut down for conversion to coal-firing per MD-995 issued April 6, 2004. The units rarely operated simultaneously during the year. Therefore, the tested NO<sub>x</sub> emission rate of 8.31 pph is compared to ½ of the 30.0 pph emission rate, or 15.0 pph. The unit tested at 55% of the limit.

Also enclosed, per condition (G4), is the certification by Ronald O. Hughes, the responsible official.

If you have any questions concerning the testing, feel free to contact me at (307) 872-6571.

Respectfully submitted,

Dolly A. Potter  
Environmental Services Supervisor

cc: Tony Hoyt

Enclosures



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AQD #17 Emissions Testing per 30-126 Condition (F10)

Submitted January 20, 2006

"I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this report are true, accurate, and complete."

Name: Ronald O. Hughes

Signature: *R.O. Hughes*

Title: Resident Manager

Date: *1/20/06*

